

LAST REVIEW:

(i.e. 2003-2004)

NEXT REVIEW: 2014-2015

(i.e. 2008-2009)

STATUS: A

(A, I, D)

COURSE TITLE: Microsoft Windows Client

COMMON COURSE NUMBER: CTS1327C

CREDIT HOURS: 4

CONTACT HOUR BREAKDOWN

(per 16 week term)

CLOCK HOURS:

(Voc. Course ONLY)

Lecture: **48** Lab: **16**

Clinic: **0** Other: **0**

PREREQUISITE(S): CTS2131C (with a grade of C or higher)

COREQUISITE(S):

PRE/COREQUISITE(S):

COURSE DESCRIPTION *(750 characters, maximum):*

This course will provide students with the knowledge and skills to successfully install and configure a Microsoft Windows client. It will also provide them with the knowledge and skills to use the IT Pro tools and productivity applications that ship with a Microsoft Windows client. The skills developed by students completing this course will help prepare them for the Microsoft Windows client certification.

General Education Requirements – Associate of Arts Degree (AA), meets Area(s): Area

General Education Requirements – Associate in Science Degree (AS), meets Area(s): Area

General Education Requirements – Associate in Applied Science Degree (AAS), meets Area(s): Area

UNIT TITLES

1. Installing and upgrading a Windows Client
2. Configuring and troubleshooting Post-installation system settings
3. Configuring Windows security features
4. Configuring network connectivity
5. Configuring applications included with a Windows Client
6. Maintaining and optimizing systems that run a Windows Client
7. Configuring and troubleshooting mobile computing

EVALUATION:

Please provide a brief description (250 characters maximum) that details how students will be evaluated on the course outcomes.

Evaluation instruments will include written and/or skills-based examinations and individual in-class and/or take-home assignments. Evaluation methods may also include group in-class and/or take-home assignments.

Common Course Number: CTS1327C

UNITS

Unit 1

General Outcome:

1.0 The student shall: be able to install and upgrade a Windows client

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 1.1 Identify hardware requirements.
- 1.2 Perform a clean installation.
- 1.3 Upgrade to the latest Windows client from previous versions of Windows.
- 1.4 Upgrade from one edition of a Windows client to another edition.
- 1.5 Troubleshoot a Windows client installation issues.
- 1.6 Install and configure Windows client drivers.

Common Course Number: CTS1327C

Unit 2

General Outcome:

- 2.0 The student shall: be able to Configure and troubleshoot Post-installation system settings

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 2.1 Troubleshoot post-installation configuration issues.
- 2.2 Configure and troubleshoot Windows Aero.
- 2.3 Configure and troubleshoot parental controls.
- 2.4 Configure Microsoft Internet Explorer.

Common Course Number: CTS1327C

Unit 3

General Outcome:

3.0 The student shall: be able to configure Windows security features

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 3.1 Configure and troubleshoot User Account Control.
- 3.2 Configure Windows Defender.
- 3.3 Configure Dynamic Security for Microsoft Internet Explorer.
- 3.4 Configure security settings in Windows Firewall.

Common Course Number: CTS1327C

Unit 4

General Outcome:

4.0 The student shall: be able to configure network connectivity

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

4.1 Configuring networking by using the Network and Sharing Center.

4.2 Troubleshoot connectivity issues.

4.3 Configure remote access.

Common Course Number: CTS1327C

Unit 5

General Outcome:

5.0 The student shall: be able to configure applications included with a Windows client

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 5.1 Configure and troubleshoot media applications.
- 5.2 Configure Windows Mail.
- 5.3 Configure Windows Meeting Space.
- 5.4 Configure Windows Calendar.
- 5.5 Configure Windows Fax and Scan.
- 5.6 Configure Windows Sidebar.

Common Course Number: CTS1327C

Unit 6

General Outcome:

6.0 The student shall: be able to maintain and optimize systems that run Windows client

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 6.1 Troubleshoot performance issues.
- 6.2 Troubleshoot reliability issues by using built-in diagnostic tools.
- 6.3 Configure Windows Update.
- 6.4 Configure data protection.

Common Course Number: CTS1327C

Unit 7

General Outcome:

7.0 The student shall: be able to configure and troubleshoot mobile computing

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 7.1 Configure mobile display settings.
- 7.2 Configure mobile devices.
- 7.3 Configure Tablet PC software.
- 7.4 Configure power options.